

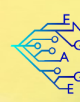
CaSToRC HPC National Competence Center

Summer Seminar Series 2023

2 May	Prof. Demetrios Papageorgiou (Imperial College London)	Evolution PDEs Arising in Multifluid-multiscale Flows
16 May	Prof. Stavros Komineas (University of Crete)	Skyrmion Dynamics Within a Sigma-model for Chiral Antiferromagnets
23 May	Dr. Yinchong Yang (Siemens)	Tensorization and uncertainty quantification in machine learning
30 May	Assoc. Prof. Decebal Constantin Mocanu (University of Luxembourg)	Sparse training in supervised and unsupervised deep learning
6 June	Assist. Prof. Elena Mocanu (University of Twente)	Sparse training in deep reinforcement learning
13 June	Prof. Costas Papanicolas (The Cyprus Institute)	Inverse problems in the era of HPC & AI: The case of medical imaging
4 July	Assist. Prof. Dimitris Giataganas (National Sun-yat Sen University)	Neural Networks as Thermodynamic Physical Systems
18 July	Prof. Katerina Kaouri (Cardiff University)	Mathematical modelling across scales and disciplines: from fertilization and embryogenesis to viral disease transmission
25 July	Prof. Andreas Efstathiou (European University Cyprus)	Applications of Machine Learning in studies of galaxy evolution

Time: Tuesdays, 13:00 (Cyprus time) via

Zoom: <https://zoom.us/j/9947402955?pwd=Um8wdTdHeStFMTM3LzNRL3l3Umc5QT09>



This initiative is supported by the EuroCC, SimEA, QUEST and ENGAGE projects that have received funding

